

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims:

Claims 1-6 (Canceled)

Claim 7 (Original): A method of producing a zeolite coated with nanophase Mn-Fe oxide, comprising the steps of:

- (a) producing Fe oxide solution from a Fe-containing compound;
- (b) adding a Mn-containing compound to the Fe oxide solution to obtain Fe-Mn solution;
- (c) adding a zeolite to the Fe-Mn solution to form a mixture;
- (d) filtering the mixture; and
- (e) drying the filtered product, thereby producing a zeolite coated with nanophase Mn-Fe oxide.

Claim 8 (Original): The method of claim 7, wherein said Fe-containing compound is FeCl_3 .

Claim 9 (Original): The method of claim 7, wherein said Mn-containing compound is MnCl_2 .

Claim 10 (Original): The method of claim 7, wherein said zeolite is either natural or synthetic.

Claim 11 (Original): The method of claim 7, before step (d), said method further comprising the steps of:

- adjusting the pH of the mixture; and
- equilibrating the mixture.

Claim 12 (Original): The method of claim 7, before step (e), said method further comprising the step of:

washing the filtered product with distilled water.

Claim 13 (Original): The method of claim 7, wherein the filtered product is air-dried or oven-dried.

Claims 14- 37 (Canceled)